

**State Route 118 at State
Route 34 and Donlon Road
Intersection Improvement
Project
Community Meeting
August 26, 2009**



PURPOSE OF MEETING

- Follow-up to the Alternatives Workshop held on Thursday, May 7, 2009
- Present proposed project alternatives in further detail
- Solicit questions and comments from interested parties
- Provide project contact information

PRESENTATION OUTLINE

- **Project Background and History**
- **Project Description**
- **Purpose and Need**
- **Alternatives**
- **Environmental Process**
- **Environmental Document Schedule**
- **Question/Comment Period**

PROJECT BACKGROUND AND HISTORY

1993

- Ventura County Public Works Agency requests a joint venture with Caltrans on a project to improve the SR 118 and SR 34 intersection.

2000

- Caltrans adopts and approves a Negative Declaration/Finding of No Significant Impact (ND/FONSI) for the proposed project

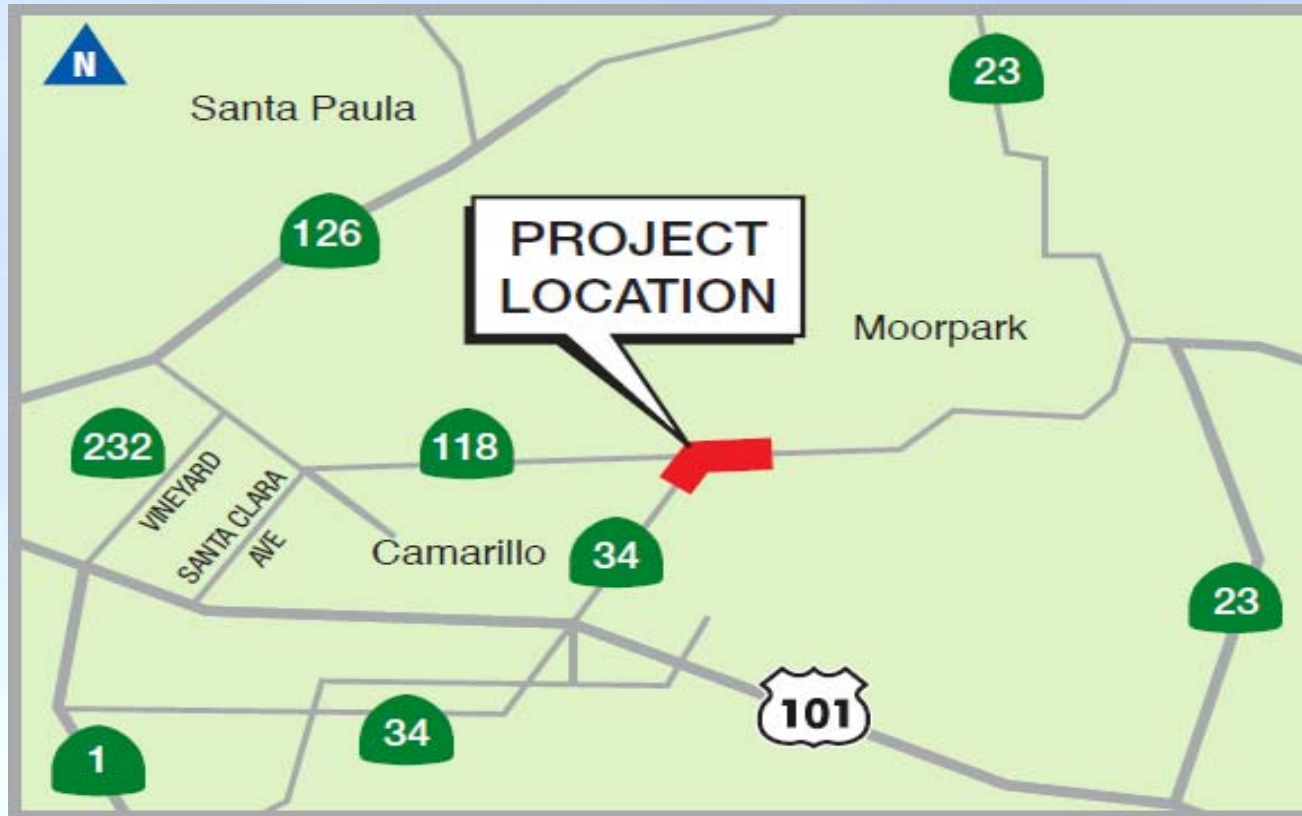
2003

- Ventura County Superior Court judgment orders Caltrans to prepare an Environmental Impact Report (EIR) to analyze potentially significant environmental impacts

PROJECT LIMITS

SR 118 – PM 10.72/11.80

SR 34 – PM 16.80/17.66



Operational improvements at intersection expected to extend:

- Approximately a quarter of a mile in each direction on SR 118
- Approximately one fifth of a mile to the north and south of the intersection

PROJECT DESCRIPTION

Operational improvements at the SR 118/SR 34 and SR 118/Donlon Rd. intersections include the following:

- Widen intersection for additional turn and merge lanes
- Lengthen existing turn lane
- Realign Donlon Rd. to combine the two existing “T” intersections into one 4-way intersection

PURPOSE AND NEED

The proposed intersection improvements are intended to achieve the following:

PURPOSE AND NEED (CONT.)

Reduce Delay Time & Relieve Congestion



PURPOSE AND NEED (CONT.)

Improve Geometric Design & Enhance Safety




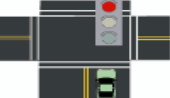
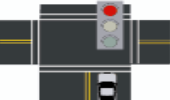
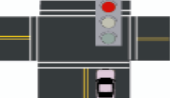
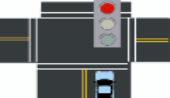
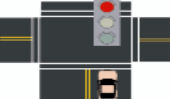


PURPOSE AND NEED (CONT.)

Traffic studies indicate that the intersection of **SR 118** and **SR 34** currently operates at **Level of Service (LOS) F** (delay >80 sec) during morning (6:00-9:00) and evening (3:00-6:00) peak hours

LEVELS OF SERVICE

for Intersections with Traffic Signals

Level of Service	Delay per Vehicle (seconds)
A	 ≤10
B	 11-20
C	 21-35
D	 36-55
E	 56-80
F	 >80

Factors Affecting LOS of Signalized Intersections

Traffic Signal Conditions:

- Signal Coordination
- Cycle Length
- Protected left turn
- Timing
- Pre-timed or traffic activated signal
- Etc.

Geometric Conditions:

- Left- and right-turn lanes
- Number of lanes
- Etc.

Traffic Conditions:

- Percent of truck traffic
- Number of pedestrians
- Etc.

Level of Service (LOS) Comparison PM Peak Hour	2008 LOS (Delay in Seconds)	2015 LOS (Delay in Seconds)	2030 LOS (Delay in Seconds)
Existing	F (188.9)	F (194.9)	F (315.0)
Alt. 1 2 WB Left Turn Lanes	C (29.6)	C (30.7)	D (35.8)
Alt. 2 1 WB Left Turn Lane	D (35.3)	D (36.7)	D (52.1)

Source: 2000 HCM, Exhibit 16-2, Level of Service Criteria for Signalized Intersections

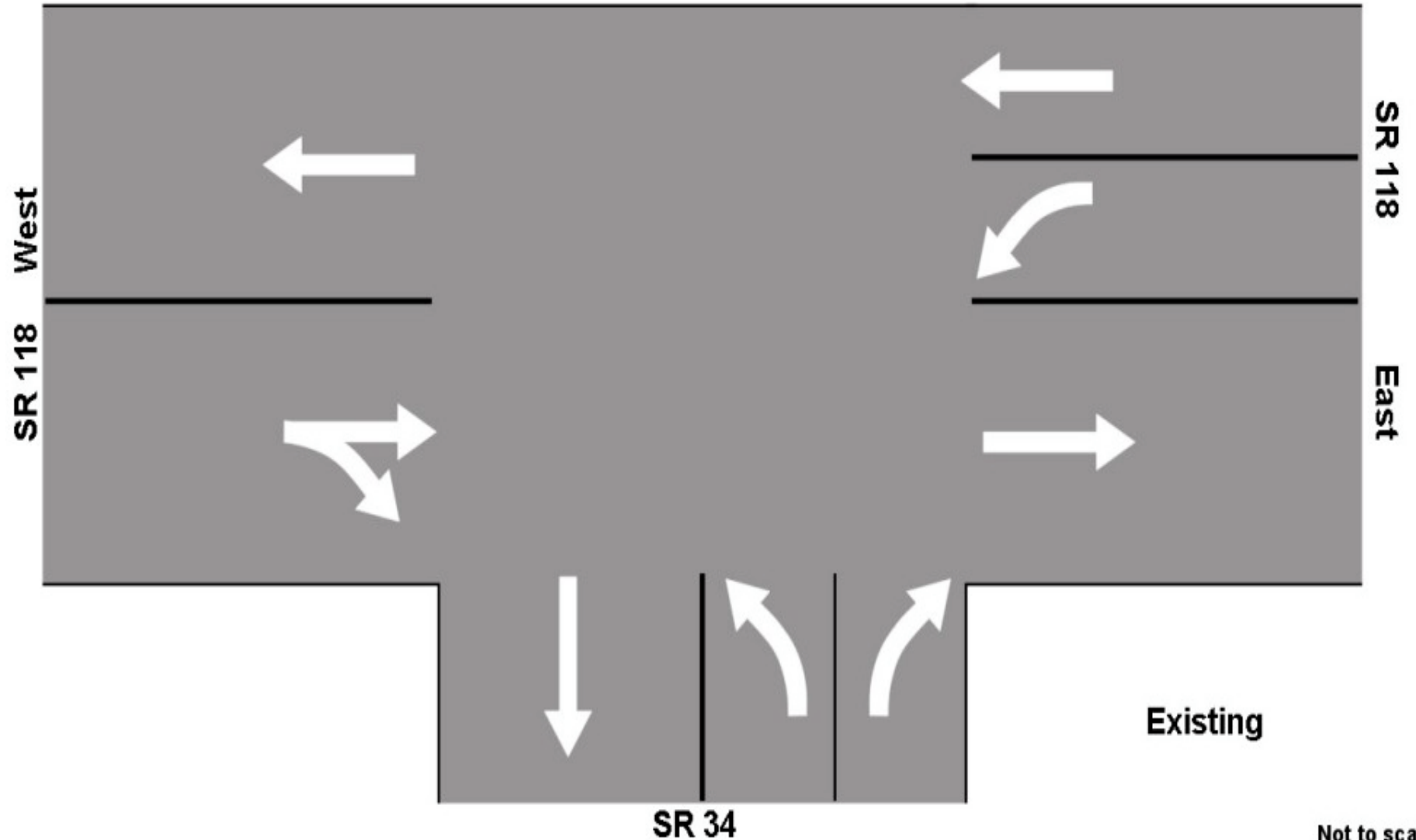
PURPOSE AND NEED (CONT.)

- **Insufficient left turn lane storage** from westbound SR 118 to southbound SR 34
- Vehicles waiting to turn backup onto thru lane causing traffic congestion
- **Truck percentages:**
 - Eastbound SR 118 = 25.6%
 - Westbound SR 118 = 19.9%
 - SR 34 = 14%

ALTERNATIVE 1 – No Build

Maintain existing configuration at the intersection

**SR118 (Los Angeles Ave)
Intersection Improvement @ SR34
(Somis Rd. & Donlon Rd.)
10596**



SR118 (Los Angeles Ave)
Intersection Improvement @ SR34
(Somis Rd. & Donlon Rd.)
10596

SR 118 West

SR 118

East

Merge
Lane

Merge
Lane

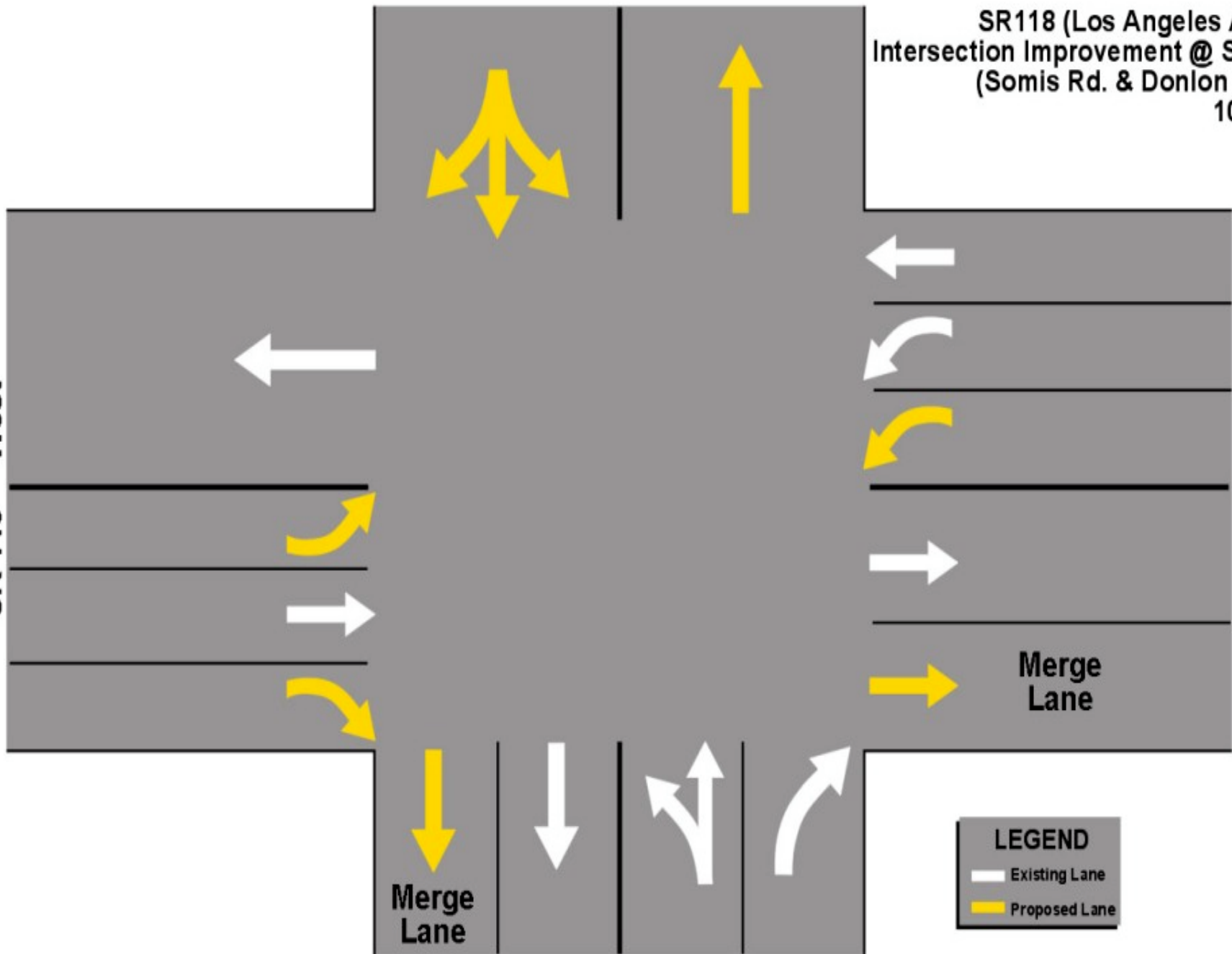
SR 34

LEGEND

- Existing Lane
- Proposed Lane

Alternative 2

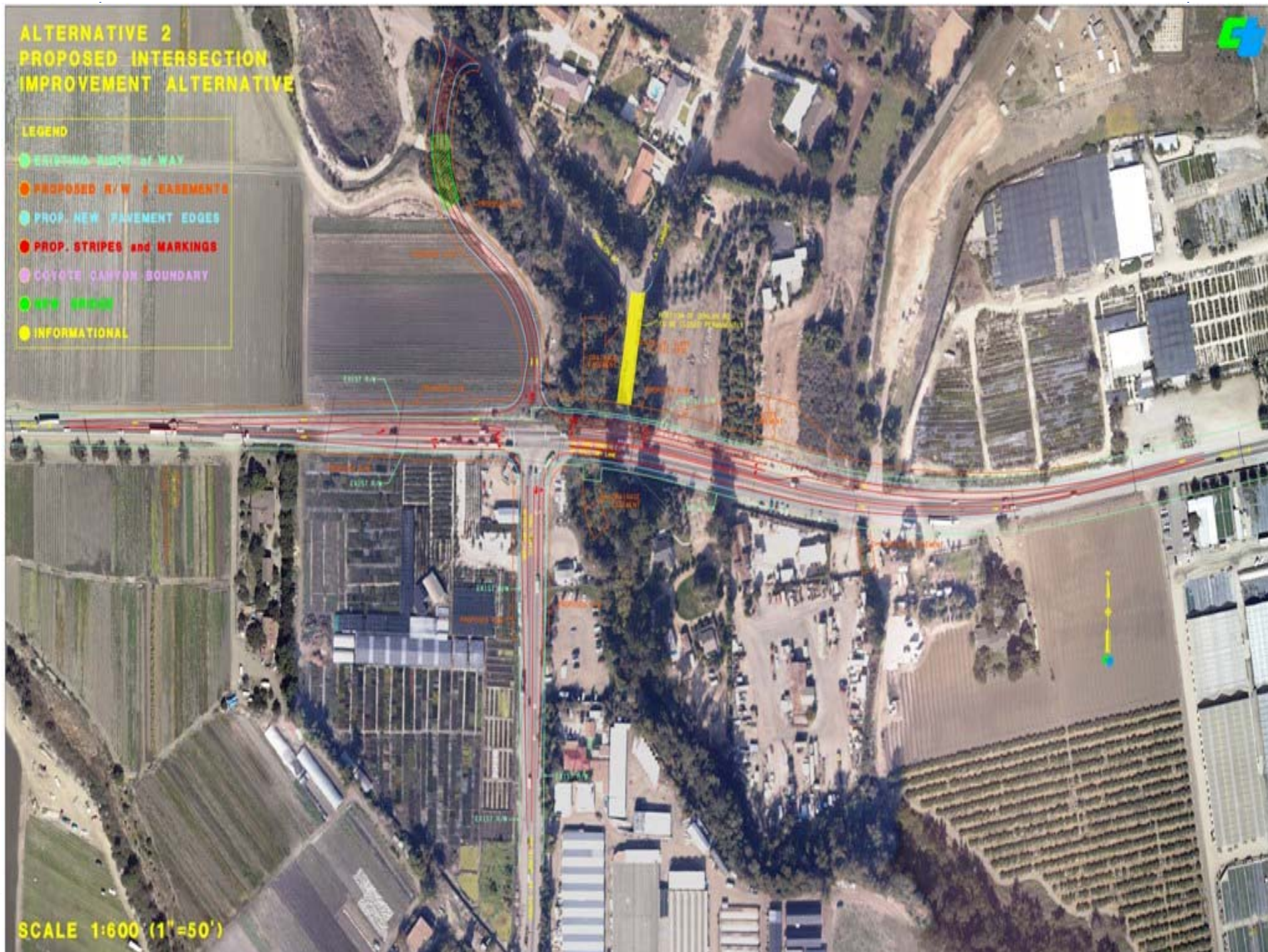
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ALTERNATIVE 2 PROPOSED INTERSECTION IMPROVEMENT ALTERNATIVE

LEGEND

- EXISTING RIGHT-OF-WAY
- PROPOSED R/W & EASEMENTS
- PROP. NEW PAVEMENT EDGES
- PROP. STRIPES and MARKINGS
- COYOTE CANYON BOUNDARY
- NEW BRIDGE
- INFORMATIONAL



SCALE 1:600 (1"=50')

ALTERNATIVE 2 - Intersection Improvement (cont.)

- Acquire 2.4 Ac. of new right-of-way (1.8 Ac. of farmland)
- Widen west-leg approach (SR-118) from 60 ft. to 97 ft.
- Widen east-leg approach (SR-118) from 100 ft. to 123 ft.
- Widen south-leg approach (SR-34) from 60 ft. to 89 ft.

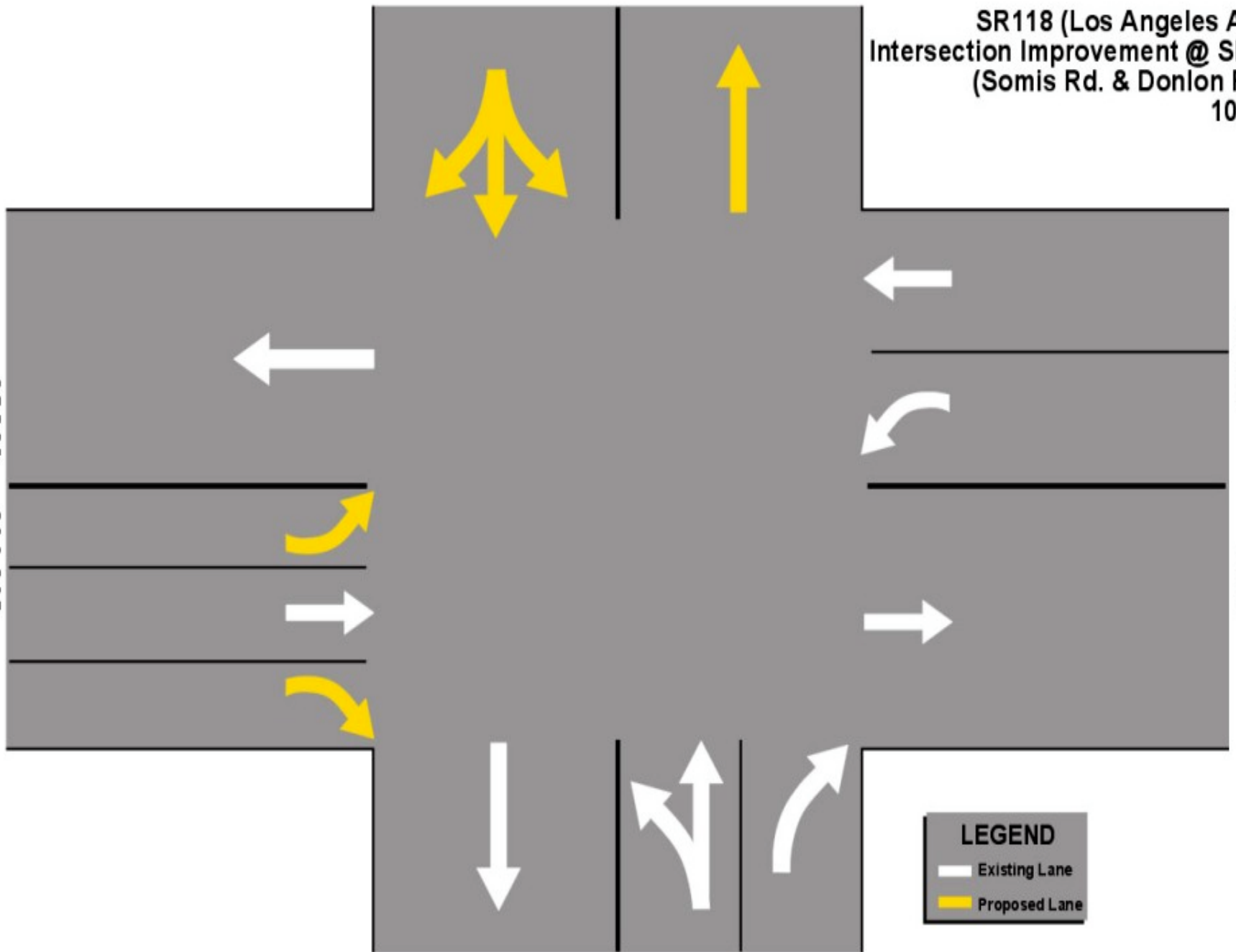
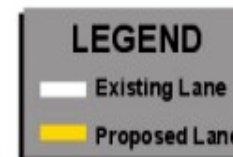
SR118 (Los Angeles Ave)
Intersection Improvement @ SR34
(Somis Rd. & Donlon Rd.)
10596

SR 118 West

SR 118 East

SR 34

Alternative 3 Not to scale



DEPT OF ENVIRONMENT
DEPT OF WATER

FOROX



✓ 1. THE UNITED STATES OF AMERICA

1000



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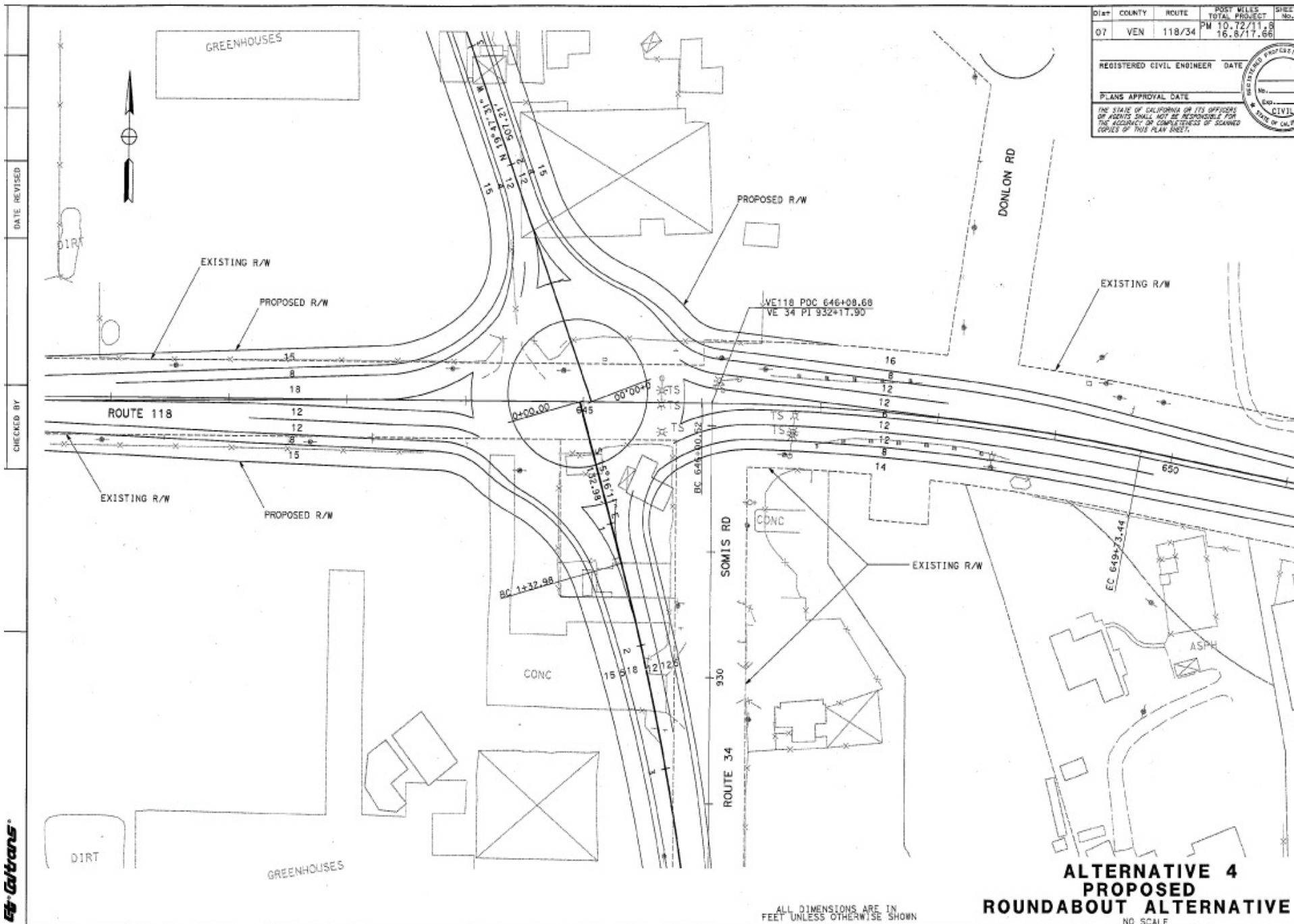


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SCALE 1:600 (1"=50')

ALTERNATIVE 3 – Save Our Somis (SOS) cont.

- Acquire 2.0 Ac. of new right-of-way (1.4 Ac. of farmland)
- Widen west-leg approach (SR-118) from 60 ft. to 93 ft.
- Widen east-leg approach (SR-118) from 100 ft. to 106 ft.
- Widen south-leg approach (SR-34) from 60 ft. to 75 ft.



07	VEN	118/34	POST MILES TOTAL PROJECT	SHEET No.
			PM 10.72/11.8	16.8/17.66
REGISTERED CIVIL ENGINEER			DATE	
PLANS APPROVAL DATE				
<small>THE STATE OF CALIFORNIA OR ITS OFFICIALS OF AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.</small>				

CHECKED BY

SR118 (Los Angeles Ave)
Intersection Improvement @ SR34
(Somis Rd. & Donlon Rd.)
10596

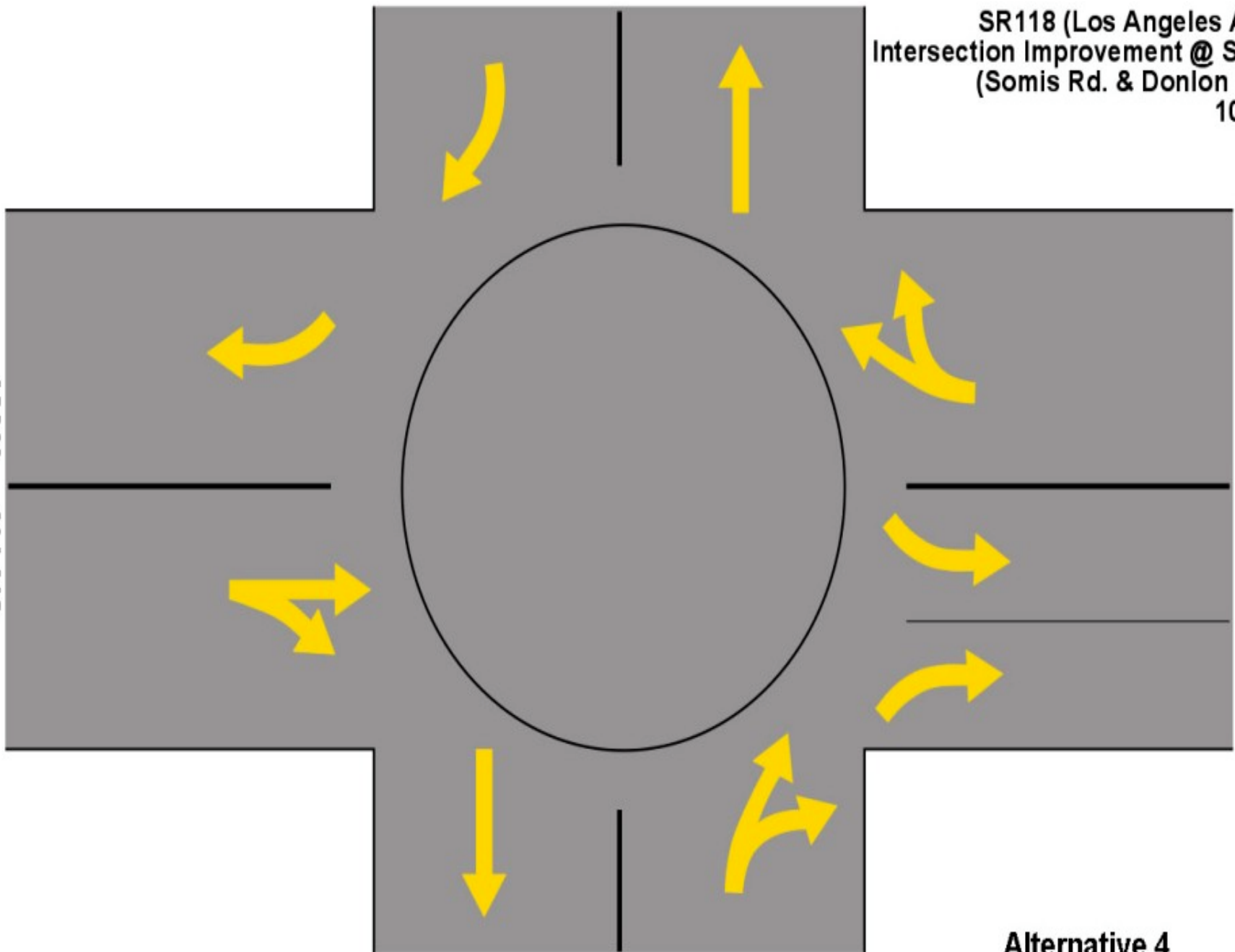
SR 118 West

SR 118

East

SR 34

Alternative 4
Roundabout Not to scale



- EXISTING RIGHT of WAY
- PROPOSED R/W & EASEMENTS
- PROP. NEW PAVEMENT EDGES
- PROP. STRIPES and MARKINGS
- GOVOTE CANYON BOUNDARY
- NEW BRIDGE
- INFORMATIONAL

SCALE 1:600 (1"=50')

ALTERNATIVE 4 – Roundabout

- Construct a roundabout to replace existing intersection
- Widen west-leg approach (SR-118) from 60 ft. to 90 ft.
- Realign Donlon Rd. and SR 34
- Roundabout would be constructed west of existing SR 118/SR 34 intersection
- Acquire 3.3 Ac. of new right-of-way (2.3 Ac. of farmland)

ALTERNATIVE 5
PROPOSED STATE BYPASS ALTERNATIVE

- EXISTING RIGHT OF WAY
- PROPOSED RIGHT OF WAY
- NEW PAVEMENT EDGE
- STATE CANTON BOUNDARY
- PROPOSED
- FORMER ROAD



SR118 (Los Angeles Ave)
Intersection Improvement @ SR34
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10596

SR 118 West

SR 118

East

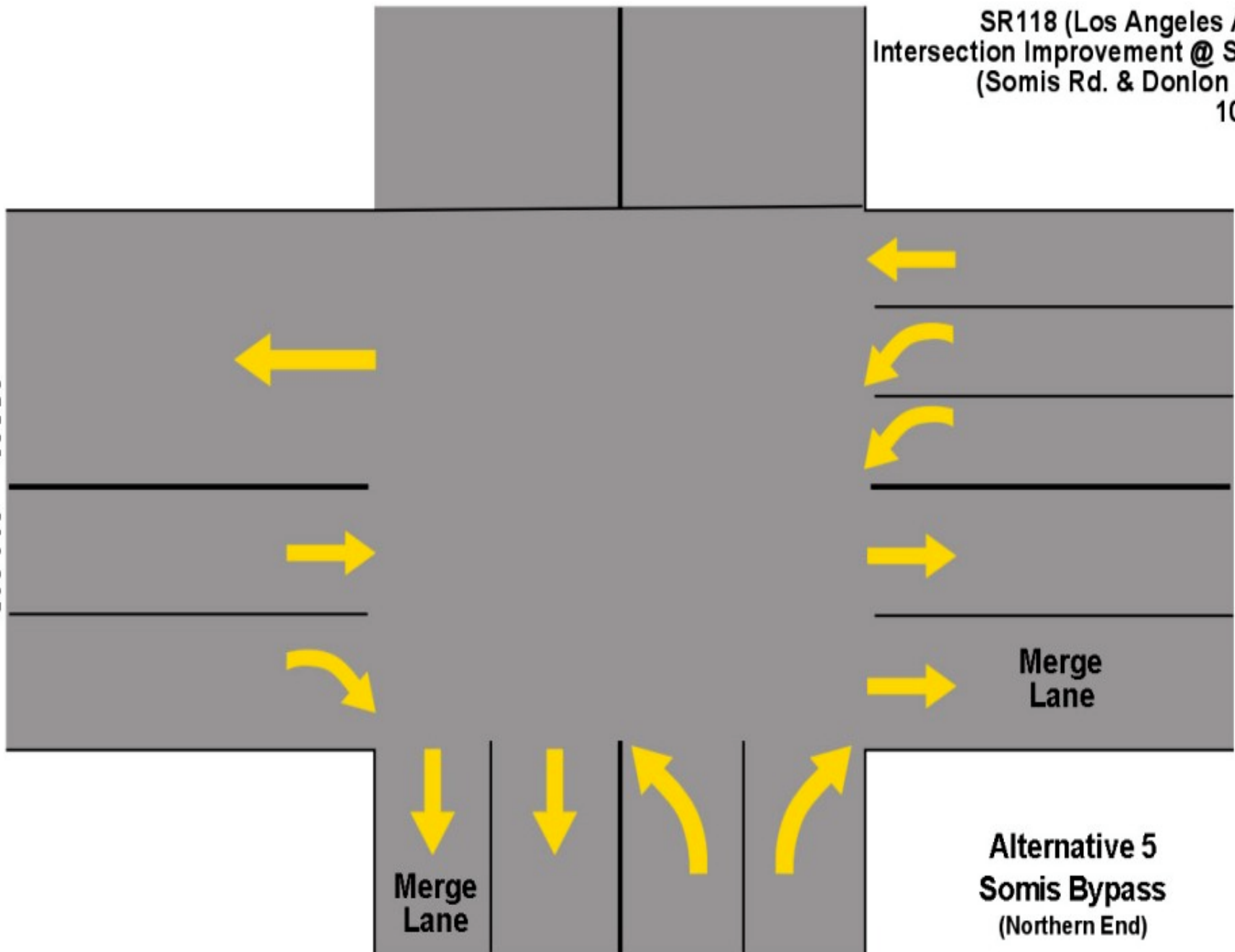
Merge
Lane

Merge
Lane

Bypass

Alternative 5
Somis Bypass
(Northern End)

Not to scale



West Rd

Bypass

SR118 (Los Angeles Ave)
Intersection Improvement @ SR34
(Somis Rd. & Donlon Rd.)
10596

Merge
Lane

Alternative 5
Somis Bypass
(Southern End)

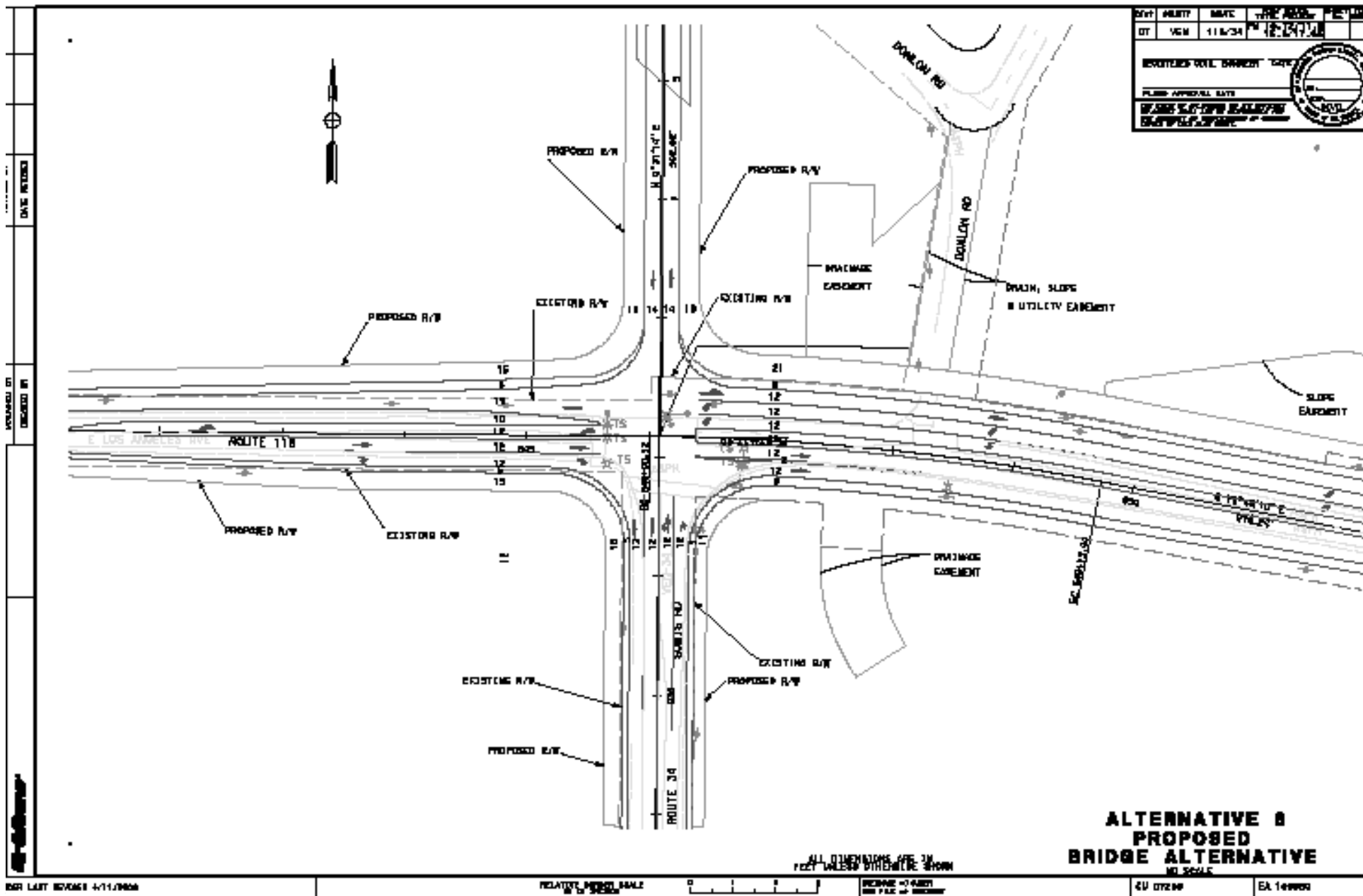
SR 34

Not to scale



Alternative 5 – Somis Bypass

- Construct a 40 ft. two-lane roadway east of SR 34 that would connect to SR 118
- Construct two signalized intersections on SR 118 and SR 34 at northern and southern ends of the new roadway
- Acquire 44.23 Ac. of new right-of-way
- Total right-of-way width for new roadway would be 130 ft. as required per the Caltrans Highway Design Manual



SR118 (Los Angeles Ave)
Intersection Improvement @ SR34
(Somis Rd. & Donlon Rd.)
10596

SR 118 West

SR 118 East

Merge Lane

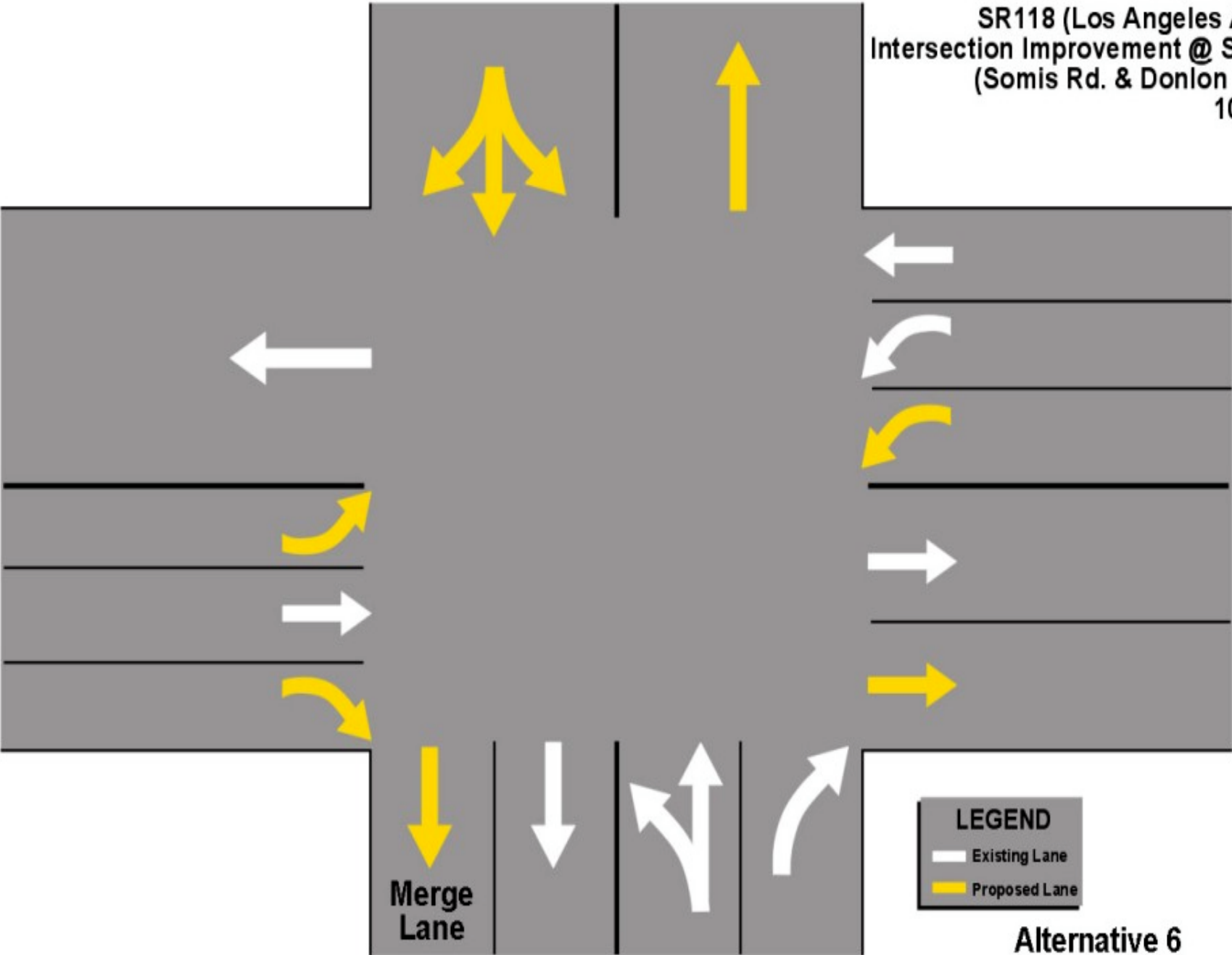
SR 34

Alternative 6
Bridge

Not to scale

LEGEND

- Existing Lane
- Proposed Lane





Alternative 6 – Bridge Alternative

- Same intersection improvements as **Alternative 2**
- Acquire 2.0 Ac of new right-of-way (1.3 Ac of farmland)
- Proposed bridge structure on realigned Donlon Rd. would cross directly over Coyote Creek (longer bridge)

ENVIRONMENTAL PROCESS

INITIATION OF PROJECT/FEDERAL ACTION

1. Initiate Environmental Studies
2. Public & Agency Scoping
3. Prepare Draft Environmental Document
4. State & Federal Review & Revisions
5. Approval of Draft Environmental Document
6. Circulate for Public Comments
7. Public Hearing
8. Prepare Final Environmental Document
9. Approve Final Environmental Document

Environmental Impacts

- Biological (wetlands, endangered species)
- New right-of-way
- Farmland
- Noise impacts
- Air Quality
- Community impacts
- Cumulative impacts
- Hazardous Waste

Environmental Document Schedule

December 2010

- Complete and circulate draft environmental document to public

January 2011

- Public Hearing

March 2011

- Select preferred alternative and begin Final Environmental Document (FED) and Final Project Report (FPR)

April 2011

- Complete and submit FED and FPR for approval

Question/Comment Period

- Those who turned in a comment card can speak first
- Written comments due by **September 25, 2009**
- Address comments to:

**Mr. Carlos Montez, Branch Chief
California Department of Transportation
Division of Environmental Planning
100 S. Main Street
Los Angeles, CA 90012
carlos_montez@dot.ca.gov**

- Project information available at:
http://www.dot.ca.gov/dist07/travel/projects/118_34/